

Title (en)
RIGID STRUCTURAL AND LOW BACK FACE SIGNATURE BALLISTIC UD/ARTICLES AND METHOD OF MAKING

Title (de)
BALLISTISCHE GEGENSTÄNDE MIT STARRER STRUKTUR UND NIEDRIGER RÜCKSEITENSIGNATUR UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
ARTICLES BALISTIQUES STRUCTURAUX RIGIDES À FAIBLE SIGNATURE DE FACE ARRIÈRE ET PROCÉDÉ DE RÉALISATION

Publication
EP 2753911 B1 20190731 (EN)

Application
EP 12863360 A 20120904

Priority
• US 201161531323 P 20110906
• US 201213594763 A 20120824
• US 2012053601 W 20120904

Abstract (en)
[origin: WO2013101309A1] Fabrication of ballistic resistant fibrous composites having improved ballistic resistance properties. More particularly, ballistic resistant fibrous composites having enhanced a dynamic storage modulus, which correlates to low composite backface signature.

IPC 8 full level
G01N 3/32 (2006.01); **D06M 10/02** (2006.01); **D06M 14/26** (2006.01); **D06M 17/00** (2006.01); **D06M 17/04** (2006.01); **F41H 5/04** (2006.01); **G01N 19/04** (2006.01); **G01N 33/36** (2006.01)

CPC (source: EP RU US)
B29B 13/08 (2013.01 - US); **B29C 65/48** (2013.01 - US); **B29C 66/729** (2013.01 - US); **B29C 66/7294** (2013.01 - US); **B32B 37/24** (2013.01 - US); **D03D 1/0052** (2013.01 - US); **D06M 10/025** (2013.01 - EP US); **D06M 14/26** (2013.01 - EP US); **D06M 17/00** (2013.01 - EP US); **D06M 17/04** (2013.01 - EP US); **F41H 1/02** (2013.01 - RU US); **F41H 5/0485** (2013.01 - EP US); **G01N 3/02** (2013.01 - US); **G01N 3/32** (2013.01 - EP US); **G01N 3/40** (2013.01 - US); **G01N 19/00** (2013.01 - US); **G01N 19/04** (2013.01 - US); **G01N 33/365** (2013.01 - EP US); **B29K 2101/12** (2013.01 - US); **B29K 2105/0845** (2013.01 - US); **B29K 2105/0854** (2013.01 - US); **B29K 2995/0089** (2013.01 - US); **B29L 2031/4821** (2013.01 - US); **B29L 2031/4842** (2013.01 - US); **B29L 2031/768** (2013.01 - US); **B32B 37/24** (2013.01 - RU); **D06M 10/02** (2013.01 - RU); **D06M 17/00** (2013.01 - RU); **G01N 3/40** (2013.01 - RU); **G01N 19/00** (2013.01 - RU); **G01N 2203/0096** (2013.01 - EP US); **Y10T 428/24058** (2015.01 - EP US); **Y10T 428/24074** (2015.01 - EP US); **Y10T 428/24124** (2015.01 - EP US); **Y10T 428/24479** (2015.01 - EP US); **Y10T 428/2495** (2015.01 - EP US); **Y10T 428/2913** (2015.01 - EP US); **Y10T 442/607** (2015.04 - EP US)

Citation (examination)
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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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WO 2013101309 A1 20130704; BR 112014005314 A2 20170404; CA 2847349 A1 20130704; CA 2847349 C 20200721; CN 103917856 A 20140709; CN 103917856 B 20170426; EP 2753911 A1 20140716; EP 2753911 A4 20150715; EP 2753911 B1 20190731; ES 2746648 T3 20200306; IL 231249 A0 20140430; IL 231249 B 20190731; JP 2014532162 A 20141204; JP 2017173338 A 20170928; JP 6178318 B2 20170809; JP 6360592 B2 20180718; KR 101980242 B1 20190830; KR 20140082687 A 20140702; MX 2014002563 A 20140605; MX 338992 B 20160509; RU 2014110899 A 20151020; RU 2627374 C2 20170808; US 2014302274 A1 20141009; US 2016202159 A1 20160714; US 9023452 B2 20150505; US 9880080 B2 20180130

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